

rootstocks. Comments:: Similar to McIntosh but later. A very good breeder, says Coutts. Size large 71:63 mm; shape flat, rectangular to conic, convex, sometimes asymmetric, ribbed base to apex; skin yellow almost completely flushed deep purplish red with indistinct stripes; bloom, thick; flesh firm, crisp, fine, very white; flavor subacid; season mid to very late. Resist- ant to scab, mildew and fire blight. Additional LIT.CIT.: Brooks, R.M. & H. P. Olmo. 1972. Reg. of New Fruit & Nut Var. 2nd Ed. p. 100; 1882-93 H. Apple. Tsolum River Fruit Trees Catalogue. p.29; Bultitude J., 1983, Apples p. 291.

The following were developed by Roswell Humphrey. Donated by Dan Thompson, Agriculture Canada, Center for Plant Health, 8801 East Saanich Road, Sidney, British Columbia V8L 1H3, Canada. Received 08/24/1984.

PI 588872. *Malus domestica* Borkh.

Northern Spy. Collected in United States. Originated at East Bloomfield, NY, in a seedling orchard of Herman Chapin; seed brought from Salisbury, CT. Pedigree - Raised about 1800. Introduced about 1840. Seedling. Comments:: Size large 81:70 mm; shape flat, truncate-conic, convex, ribbed at eye, slightly ribbed on body; skin greenish yellow flushed pinkish red with occasional russet patches; flesh firm, fine, yellowish white; flavor subacid; season very late; tree upright. Very hardy. Tends to bear biennially. Keeps into March; the month of May if temperature is regulated. Remarkably fresh after storage. Excellent quality. Additional LIT.CIT. 1992-93 H. Apple. Tsolum River Fruit Trees Catalogue. p. 26.

The following were donated by Dan Thompson, Agriculture Canada, Center for Plant Health, 8801 East Saanich Road, Sidney, British Columbia V8L 1H3, Canada. Received 08/24/1984.

PI 588873. *Malus hybrid*

MM.106. Collected in England, United Kingdom.

PI 588874. *Malus baccata* (L.) Borkh.

Nertchinsk.

PI 588875. *Malus hybrid*

Dab 325.

The following were developed by Isabella Preston, Canada Dept. of Agric. Central Exp. Farm, Ottawa, Ontario, Canada. Donated by Dan Thompson, Agriculture Canada, Center for Plant Health, 8801 East Saanich Road, Sidney, British Columbia V8L 1H3, Canada. Received 08/24/1984.

PI 588876. *Malus hybrid*

Makamik. Pedigree - Open-pollinated seedling of *M. pumila* var. *niedzwetzkyana*. Named in 1933. Originated and introduced 1921. Comments:: Flowers: single, expanding buds-dark red, open-purplish red fading to a lighter tint, approx. 4.8 cm. across. Fruit: carmine approx. 2.6 cm. in diam. Considered the best of the ROSYBLOOM crab apples originated by Miss Isabella Preston, which bloom only as required. Bronze foliage, annual bearing.

The following were donated by Dan Thompson, Agriculture Canada, Center for Plant Health, 8801 East Saanich Road, Sidney, British Columbia V8L 1H3, Canada. Received 08/24/1984.

PI 588877. *Malus domestica* Borkh.

M.2. Collected in England, United Kingdom. Comments:: Standard, M2 has